



## *Workshop on*

# **“Sharing Best Practices for Energy Efficiency in Indian Data Centers”**

17 March 2009: ‘MC Room’, Building 1, Infosys Campus,  
Electronic City, Bangalore



**Reception and Key Note Session:**  
**Date: March 16, 2009 (6:30 PM onwards)**

<b>7:00- 7:15 pm</b>	<b>“Energy Conservation - Best Practices in IDC’ by Mr.Sujeet Deshpande, Tata Communications</b>
<b>7:15 -8:00 pm</b>	<b>“Save energy now in Data Centers” talk by Mr. Dale Sartor, LBNL, USA</b>
<b>8:00 – 8:30 pm</b>	<b>Q&amp;A</b>
<b>8:30pm onwards</b>	<b>Networking dinner &amp; close</b>

Venue: Ista Hotel, Ulsoor, 1/1 Swami Vivekananda Road  
Bangalore-560008.Ph: 080-25558888

**Sharing Best Practice for Energy Efficiency in Indian Data Centers Workshop**

**March 17, 2009**

**MC Room, Building 1, Infosys Campus, Bangalore**

**Agenda:**

10:00 – 10:30	Registration
10:30 – 10:40	Welcome by Infosys Technology Limited
10:40 – 11:00	Inaugural keynote by Srinath Batni, Infosys Technology Limited
11:00 – 12:30	<u>Session 1: Indian Best Practices Initiative, Trends and Benchmarking, IT Equipments and Software</u>  (1) Data Center Efficiency Case study- <i>S Ramu, Network Applications</i> (2) Data Center Revolution- A Case study <i>Ramesh K V, Sun Microsystems</i> (3) Comprehensive energy efficiency roadmap for India Data Centers - <i>Anand Vanchi, Ravi Giri &amp; Sujith Kannan, Intel Technology India</i> (4) A holistic way to reduce data center energy usage with out compromising on reliability <i>U Gopi, Emerson Network Power India</i>
12:30 – 14:00	Working Lunch

14:00 - 15:30	<u>Session 2: Cooling - Environmental Conditions, Air Management, and Air System Design (CRACs, CRAHs, and AHUs), Liquid Cooling, Central Plants, Controls</u>  (1) Using CFD for improving cooling system efficiency for Data centers - <i>Mr. Shishir, Mechartes- Indian Institute of Technology, Delhi</i> (2) New Liquid Cooling Technology- Case Study - <i>R Muralidharan Iyengar, Blue-star India</i> (3) Optimum Climate Control for Data Center- Case Study - <i>T Prabhu, Emerson Design Engineering Center, Pune</i>
15:30 - 15:45	Tea Break
15:45 – 17: 15	<u>Session 3: Electrical Systems, Commissioning, Best Practices Case Studies (integrated), O&amp;M</u>  (1) PUE Components of Electrical Systems, - <i>Hareesha K, Texas Instruments</i> (2) Strategies for successfully deploying High Density Applications - <i>Amod Ranade, APC -Schneider Electric</i> (3) Green Data Centers - <i>Sanjay Sharma, Acme Tele Power Limited</i>
17:15-17:45	Wrapping-up and next steps- <i>Dr. Satish Kumar, USAID ECO-III Project</i>
17:45	Close